**Scope of Work for Kitchen**

**MEP Design Engineering Services**

1. **Project Planning and Coordination**
   * Conduct initial project assessment and gather detailed requirements
   * Coordinate closely with kitchen design and back area operations teams
   * Develop a comprehensive project plan and timeline
2. **Mechanical Engineering Services**
   * Design and layout of HVAC systems tailored for kitchen environments
   * Plan and integrate ventilation and exhaust systems to ensure proper air quality and safety
   * Design refrigeration systems and integrate with kitchen layout
   * Select and specify kitchen equipment with precise mechanical requirements
3. **Electrical Engineering Services**
   * Perform electrical load calculations specific to kitchen equipment and layout
   * Design electrical distribution systems, including circuit panels and wiring plans
   * Plan and design lighting systems for optimal visibility and energy efficiency
   * Integrate power supply systems for kitchen and back area equipment
   * Ensure installation of safety and emergency systems, including backup power
4. **Plumbing Engineering Services**
   * Design water supply and distribution systems to meet kitchen needs
   * Plan and integrate wastewater and drainage systems for kitchen and back areas
   * Design and install gas supply and distribution systems for kitchen equipment
   * Plan hot water systems tailored for kitchen usage
5. **Fire Protection Engineering**
   * Design fire suppression systems specifically for kitchen environments
   * Plan and integrate fire alarm and detection systems
   * Ensure compliance with local fire safety regulations and standards
6. **Quality Assurance and Quality Control (QA/QC)**
   * Develop QA/QC plans and procedures specific to kitchen projects
   * Conduct regular site inspections and audits to ensure quality and compliance
   * Maintain documentation and reporting throughout the project lifecycle
   * Ensure all installations meet project specifications and standards
7. **Project Management**
   * Manage project timeline and key milestones
   * Coordinate with contractors, suppliers, and stakeholders to ensure smooth execution
   * Manage project budget and control costs effectively
   * Provide regular progress updates and conduct status meetings
8. **Handover and Finalization**
   * Perform final inspection and testing of all systems
   * Prepare as-built drawings and complete project documentation
   * Handover the fully operational kitchen to the client
   * Provide post-handover support, including training for operational staff

**Project Duration: 2 Months**

* + This detailed scope of work ensures a thorough and professional approach to kitchen MEP design engineering services, covering all essential aspects from planning to handover.